

## Product datasheet for **SC302462**

### PFN3 (NM\_001029886) Human Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: PFN3 (NM\_001029886) Human Untagged Clone  
 Tag: Tag Free  
 Symbol: PFN3  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >SC302462 representing NM\_001029886.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCGACTGGAAGGTCTACATCAGTGCAGTGCTGCGGGACCAGCGCATCGACGACGTGGCCATCGTG
GGCCATGCGGACAACAGCTGCGTGTGGGCTTCGCGGCCCGGGGGCCTGCTGGCGGCCATCTCGCCGAG
GAGGTGGGCGTGCTCACGGGGCCGGACAGGCACACCTTCTGCAGGGGGCCTGAGCGTGGGGGGCCGC
CGCTGCTGCGTCATCCGCGACCACCTGCTGGCCGAGGGTGACGGCGTGTGGACGCACGCACCAAGGGG
CTGGACGCGCGCCCGTGTGCGTGGGCCGTGCGCCGCGCGCTCCTGGTGCTAATGGCCGACGCGGC
GTACATGGGGGCATCTCAACAAGACGGTGACGAACATACGCGGGCTGCGCATGCAGGGCGCCTAG

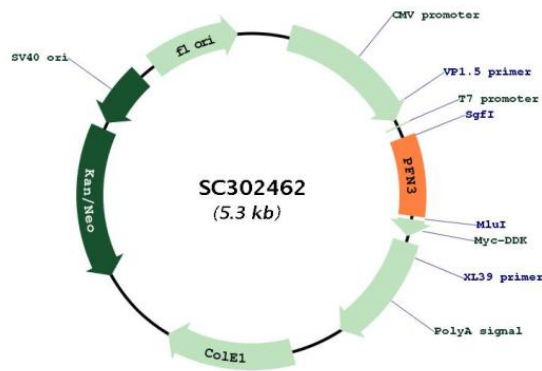
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM\_001029886

Insert Size: 414 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001029886.2](#)

**RefSeq Size:** 548 bp

**RefSeq ORF:** 414 bp

**Locus ID:** 345456

**UniProt ID:** [P60673](#)

**Cytogenetics:** 5q35.3

**Protein Pathways:** Regulation of actin cytoskeleton

**MW:** 14.6 kDa

**Gene Summary:** The product of this gene belongs to the profilin family of proteins. This protein binds to actin and affects the structure of the cytoskeleton. It also may be involved in spermatogenesis. It is a single exon gene. [provided by RefSeq, Jul 2008]